

State of Mississippi

FILE COPY

WATER POLLUTION CONTROL PERMIT

Permit to Discharge Wastewater in Accordance with National Pollutant Discharge Elimination System

THIS CERTIFIES

Meridian POTW

311 27th Avenue

Meridian, MS

Lauderdale County

has been granted permission to discharge wastewater in accordance with the effluent limitations, monitoring requirements and other conditions set forth in this permit. This permit is issued in accordance with the provisions of the Mississippi Water Pollution Control Law (Section 49-17-1 et seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder, and under authority granted pursuant to Section 402(b) of the Federal Water Pollution Control Act.

Mississippi Environmental Quality Permit Board

Mississippi Department of Environmental Quality

Issued/Modified: NOV 1 2013

Expires: OCT 31 2018

Permit No. MS0020117

Agency Interest # 13261

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Permit to Discharge Wastewater in Accordance with National Pollutant Discharge Elimination System

Meridian POTW
 Subject Item Inventory
 Permit Number: MS0020117
 Activity ID No.: PER20120003

Subject Item Inventory:

ID	Designation	Description
AI13261	MS0020117	Municipality
RPNT1	MS0020117-001	Outfall 001 (Domestic / Municipal Wastewater Effluent)
RPNT2	MS0020117-101	Outfall 101 (Internal Outfall from Meridian POTW)
RPNT3	MS0020117-201	Outfall 201 (Internal Outfall from East Meridian POTW)
RPNT4	MS0020117-002	Outfall 002 (Combined Domestic / Municipal Wastewater Effluent from Outfall 101 and 201)

Receiving Stream Relationships:

Subject Item	Relationship	Receiving Stream
RPNT1 Outfall 001 (Domestic / Municipal Wastewater Effluent)	Discharges Into	Sowashee Creek
RPNT4 Outfall 002 (Combined Domestic / Municipal Wastewater Effluent from Outfall 101 and 201)	Discharges Into	Sowashee Creek

KEY

ACT = Activity

AREA = Area

CT = Control Device

IA = Insignificant Activity

PCS = PCS

TRMT = Treatment

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

MAFO = Animal Feeding Operation

RPNT = Release Point

WDPT = Withdrawal Point

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 001 (Domestic / Municipal Wastewater Effluent)**

RPNT0000000001: **MS0020117-001**

Such discharges shall be limited and monitored by the permittee as specified below:

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Ammonia Nitrogen, Total (as N) Effluent</i>	217 Monthly Average	325 Maximum Weekly Average	pounds per day	*****	2 Monthly Average	3 Maximum Weekly Average	mg/l.	Daily	24-hr Composite	Dec-Apr
<i>Ammonia Nitrogen, Total (as N) Effluent</i>	108 Monthly Average	163 Maximum Weekly Average	pounds per day	*****	1 Monthly Average	1.5 Maximum Weekly Average	mg/l.	Daily	24-hr Composite	May-Nov
<i>Ammonia Nitrogen, Total (as N) Influent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	Report Monthly Average	Report Maximum Weekly Average	mg/l.	Daily	24-hr Composite	Jan-Dec
<i>Chlorine, total residual Effluent</i>	*****	*****	*****	*****	0.011 Monthly Average	0.019 Maximum Weekly Average	mg/l.	Daily	Grab Sampling	Jan-Dec
<i>Copper (Total Recoverable) Effluent</i>	*****	*****	*****	*****	0.0051 Monthly Average	0.0072 Maximum Weekly Average	mg/l.	Monthly	Grab Sampling	Jan-Dec
<i>Cyanide (Free-Amen. to Ch lorination) Effluent</i>	*****	*****	*****	*****	0.0053 Monthly Average	0.0226 Maximum Weekly Average	mg/L	Monthly	Grab Sampling	Jan-Dec
<i>Fecal coliform, general Effluent</i>	*****	*****	*****	*****	200 Monthly Average	400 Maximum Weekly Average	# of colonies/100 ml	Daily	Grab Sampling	Jan-Dec
<i>Flow Effluent</i>	13 Monthly Average	Report Maximum Weekly Average	Million Gallons per Day	*****	*****	*****	*****	Daily	Continuous Recorder	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 001 (Domestic / Municipal Wastewater Effluent)**

RPNT0000000001: **MS0020117-001**

Such discharges shall be limited and monitored by the permittee as specified below:

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Nitrogen (Total) Effluent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	Report Monthly Average	Report Maximum Weekly Average	mg/l.	Monthly	24-hr Composite	Jan-Dec
<i>Oxygen Demand, carbonaceous biochemical, 5-day (20 degrees C) Effluent</i>	1084 Monthly Average	1627 Maximum Weekly Average	pounds per day	*****	10 Monthly Average	15 Maximum Weekly Average	mg/l.	Daily	24-hr Composite	Dec-Apr
<i>Oxygen Demand, carbonaceous biochemical, 5-day (20 degrees C) Effluent</i>	759 Monthly Average	1138 Maximum Weekly Average	pounds per day	*****	7 Monthly Average	10.5 Maximum Weekly Average	mg/L.	Daily	24-hr Composite	May-Nov
<i>Oxygen Demand, carbonaceous biochemical, 5-day (20 degrees C) Influent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	Report Monthly Average	Report Maximum Weekly Average	mg/L.	Daily	24-hr Composite	Jan-Dec
<i>Oxygen Demand, carbonaceous biochemical, 5-day (20 degrees C) Percent Removal</i>	*****	*****	*****	85 Minimum	*****	*****	mg/l.	Monthly	Calculations	Jan-Dec
<i>Oxygen, dissolved Effluent</i>	*****	*****	*****	6.0 Minimum	*****	*****	mg/l.	Daily	Grab Sampling	Jan-Dec
<i>Oxygen, dissolved In Aeration Unit</i>	*****	*****	*****	Report Minimum	*****	Report Maximum	mg/l.	Daily	Grab Sampling	Jan-Dec
<i>pH Effluent</i>	*****	*****	*****	6.0 Minimum	*****	9.0 Maximum	SU	Daily	Grab Sampling	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 001 (Domestic / Municipal Wastewater Effluent)**

RPNT0000000001: **MS0020117-001**

Such discharges shall be limited and monitored by the permittee as specified below:

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Phosphorus (Total) Effluent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	Report Monthly Average	Report Maximum Weekly Average	mg/l.	Monthly	24-hr Composite	Jan-Dec
<i>Sludge Settleability 30 Minute In Aeration Unit</i>	*****	*****	*****	Report Minimum	*****	Report Maximum	ml/l.	Daily	Measurement	Jan-Dec
<i>Solids (Total Suspended) Effluent</i>	3253 Monthly Average	4879 Maximum Weekly Average	pounds per day	*****	30 Monthly Average	45 Maximum Weekly Average	mg/l.	Daily	24-hr Composite	Jan-Dec
<i>Solids (Total Suspended) Influent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	Report Monthly Average	Report Maximum Weekly Average	mg/l.	Daily	24-hr Composite	Jan-Dec
<i>Solids (Total Suspended) Percent Removal</i>	*****	*****	*****	85 Minimum	*****	*****	mg/l.	Monthly	Calculations	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: Outfall 101 (Internal Outfall from Meridian POTW)

RPNT0000000002: MS0020117-101

Such discharges shall be limited and monitored by the permittee as specified below:

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Ammonia Nitrogen, Total (as N) Effluent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	2 Monthly Average	3 Maximum Weekly Average	mg/L	Daily	24-hr Composite	Dec-Apr
<i>Ammonia Nitrogen, Total (as N) Effluent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	1 Monthly Average	1.5 Maximum Weekly Average	mg/L	Daily	24-hr Composite	May-Nov
<i>Ammonia Nitrogen, Total (as N) Influent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	Report Monthly Average	Report Maximum Weekly Average	mg/L	Daily	24-hr Composite	Jan-Dec
<i>Chlorine, total residual Effluent</i>	*****	*****	*****	0.3 Minimum	*****	*****	mg/L	Daily	Grab Sampling	Jan-Dec
<i>Copper (Total Recoverable) Effluent</i>	*****	*****	*****	*****	0.0051 Monthly Average	0.0072 Maximum Weekly Average	mg/L	Monthly	24-hr Composite	Jan-Dec
<i>Cyanide (Free-Amen. to Chlorination) Effluent</i>	*****	*****	*****	*****	0.0053 Monthly Average	0.0226 Maximum Weekly Average	mg/L	Monthly	24-hr Composite	Jan-Dec
<i>Flow Effluent</i>	13 Monthly Average	Report Maximum Weekly Average	Million Gallons per Day	*****	*****	*****	*****	Daily	Continuous Recorder	Jan-Dec
<i>Nitrogen (Total) Effluent</i>	*****	*****	*****	*****	Report Monthly Average	Report Maximum Weekly Average	mg/L	Monthly	24-hr Composite	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 101 (Internal Outfall from Meridian POTW)**

RPNT0000000002: **MS0020117-101**

Such discharges shall be limited and monitored by the permittee as specified below:

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Oxygen Demand, carbonaceous biochemical, 5-day (20 degrees C) Effluent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	10 Monthly Average	15 Maximum Weekly Average	mg/l.	Daily	24-hr Composite	Dec-Apr
<i>Oxygen Demand, carbonaceous biochemical, 5-day (20 degrees C) Effluent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	7 Monthly Average	10.5 Maximum Weekly Average	mg/l.	Daily	24-hr Composite	May-Nov
<i>Oxygen Demand, carbonaceous biochemical, 5-day (20 degrees C) Influent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	Report Monthly Average	Report Maximum Weekly Average	mg/l.	Daily	24-hr Composite	Jan-Dec
<i>Oxygen Demand, carbonaceous biochemical, 5-day (20 degrees C) Percent Removal</i>	*****	*****	*****	85 Minimum	*****	*****	%	Monthly	Calculations	Jan-Dec
<i>Oxygen, dissolved In Aeration Unit</i>	*****	*****	*****	Report Minimum	*****	Report Maximum	mg/l.	Daily	Grab Sampling	Jan-Dec
<i>pH Effluent</i>	*****	*****	*****	Report Minimum	*****	Report Maximum	SU	Daily	Grab Sampling	Jan-Dec
<i>Phosphorus (Total) Effluent</i>	*****	*****	*****	*****	Report Monthly Average	Report Maximum Weekly Average	mg/l.	Monthly	24-hr Composite	Jan-Dec
<i>Sludge Settleability 30 Minute In Aeration Unit</i>	*****	*****	*****	Report Minimum	*****	Report Maximum	ml/l.	Daily	Measurement	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 101 (Internal Outfall from Meridian POTW)**

RPNT0000000002: **MS0020117-101**

Such discharges shall be limited and monitored by the permittee as specified below:

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Solids (Total Suspended) Effluent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	30 Monthly Average	45 Maximum Weekly Average	mg/l.	Daily	24-hr Composite	Jan-Dec
<i>Solids (Total Suspended) Influent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	Report Monthly Average	Report Maximum Weekly Average	mg/L.	Daily	24-hr Composite	Jan-Dec
<i>Solids (Total Suspended) Percent Removal</i>	*****	*****	*****	85 Minimum	*****	*****	%	Monthly	Calculations	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 201 (Internal Outfall from East Meridian POTW)**

RPNT0000000003: MS0020117-201

Such discharges shall be limited and monitored by the permittee as specified below:

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Ammonia Nitrogen, Total (as N) Effluent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	2 Monthly Average	3 Maximum Weekly Average	mg/L	Daily	8-hr Composite	Dec-Apr
<i>Ammonia Nitrogen, Total (as N) Effluent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	1 Monthly Average	1.5 Maximum Weekly Average	mg/L	Daily	8-hr Composite	May-Nov
<i>Ammonia Nitrogen, Total (as N) Influent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	Report Monthly Average	Report Maximum Weekly Average	mg/L	Daily	8-hr Composite	Jan-Dec
<i>Flow Effluent</i>	1.0 Monthly Average	Report Maximum Weekly Average	Million Gallons per Day	*****	*****	*****	*****	Daily	Calculations	Jan-Dec
<i>Nitrogen (Total) Effluent</i>	*****	*****	*****	*****	Report Monthly Average	Report Maximum Weekly Average	mg/L	Monthly	8-hr Composite	Jan-Dec
<i>Oxygen Demand, carbonaceo us biochemical, 5-day (20 degrees C) Effluent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	10 Monthly Average	15 Maximum Weekly Average	mg/L	Daily	8-hr Composite	Dec-Apr
<i>Oxygen Demand, carbonaceo us biochemical, 5-day (20 degrees C) Effluent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	7 Monthly Average	10.5 Maximum Weekly Average	mg/L	Daily	8-hr Composite	May-Nov
<i>Oxygen Demand, carbonaceo us biochemical, 5-day (20 degrees C) Influent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	Report Monthly Average	Report Maximum Weekly Average	mg/L	Daily	8-hr Composite	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 201 (Internal Outfall from East Meridian POTW)**

RPNT0000000003: **MS0020117-201**

Such discharges shall be limited and monitored by the permittee as specified below:

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Oxygen Demand, carbonaceous biochemical, 5-day (20 degrees C) Percent Removal</i>	*****	*****	*****	85 Minimum	*****	*****	%	Monthly	Calculations	Jan-Dec
<i>Oxygen, dissolved In Aeration Unit</i>	*****	*****	*****	Report Minimum	*****	Report Maximum	mg/l.	Daily	Grab Sampling	Jan-Dec
<i>pH Effluent</i>	*****	*****	*****	Report Minimum	*****	Report Maximum	SI	Daily	Grab Sampling	Jan-Dec
<i>Phosphorus (Total) Effluent</i>	*****	*****	*****	*****	Report Monthly Average	Report Maximum Weekly Average	mg/l.	Monthly	8-hr Composite	Jan-Dec
<i>Sludge Settleability 30 Minute In Aeration Unit</i>	*****	*****	*****	Report Minimum	*****	Report Maximum	ml/L	Daily	Measurement	Jan-Dec
<i>Solids (Total Suspended) Effluent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	30 Monthly Average	45 Maximum Weekly Average	mg/l.	Daily	8-hr Composite	Jan-Dec
<i>Solids (Total Suspended) Influent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	Report Monthly Average	Report Maximum Weekly Average	mg/l.	Daily	8-hr Composite	Jan-Dec
<i>Solids (Total Suspended) Percent Removal</i>	*****	*****	*****	85 Minimum	*****	*****	%	Monthly	Calculations	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 002 (Combined Domestic / Municipal Wastewater Effluent from Outfall 101 and 201)**

RPNT0000000004: MS0020117-002

Such discharges shall be limited and monitored by the permittee as specified below:

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Ammonia Nitrogen, Total (as N) Effluent</i>	217 Monthly Average	325 Maximum Weekly Average	pounds per day	*****	*****	*****	*****	Daily	Calculations	Dec-Apr
<i>Ammonia Nitrogen, Total (as N) Effluent</i>	108 Monthly Average	163 Maximum Weekly Average	pounds per day	*****	*****	*****	*****	Daily	Calculations	May-Nov
<i>Chlorine, total residual Effluent</i>	*****	*****	*****	*****	0.011 Monthly Average	0.019 Maximum Weekly Average	mg/L	Daily	Grab Sampling	Jan-Dec
<i>Fecal coliform, general Effluent</i>	*****	*****	*****	*****	200 Monthly Average	400 Maximum Weekly Average	// of colonies/100 ml	Daily	Grab Sampling	Jan-Dec
<i>Flow Effluent</i>	13 Monthly Average	Report Maximum Weekly Average	Million Gallons per Day	*****	*****	*****	*****	Daily	Continuous Recorder	Jan-Dec
<i>Nitrogen (Total) Effluent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	*****	*****	*****	Monthly	Calculations	Jan-Dec
<i>Oxygen Demand, carbonaceous biochemical, 5-day (20 degrees C) Effluent</i>	1084 Monthly Average	1627 Maximum Weekly Average	pounds per day	*****	*****	*****	*****	Daily	Calculations	Dec-Apr
<i>Oxygen Demand, carbonaceous biochemical, 5-day (20 degrees C) Effluent</i>	759 Monthly Average	1138 Maximum Weekly Average	pounds per day	*****	*****	*****	*****	Daily	Calculations	May-Nov

AD Copeck-
crandle

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: Outfall 002 (Combined Domestic / Municipal Wastewater Effluent from Outfall 101 and 201)

RPNT0000000004: MS0020117-002

Such discharges shall be limited and monitored by the permittee as specified below:

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Oxygen, dissolved Effluent</i>	*****	*****	*****	6.0 Minimum	*****	*****	mg/L	Daily	Grab Sampling	Jan-Dec
<i>pH Effluent</i>	*****	*****	*****	6.0 Minimum	*****	9.0 Maximum	SU	Daily	Grab Sampling	Jan-Dec
<i>Phosphorus (Total) Effluent</i>	Report Monthly Average	Report Maximum Weekly Average	pounds per day	*****	*****	*****	*****	Monthly	Calculations	Jan-Dec
<i>Solids (Total Suspended) Effluent</i>	3253 Monthly Average	4879 Maximum Weekly Average	pounds per day	*****	*****	*****	*****	Daily	Calculations	Jan-Dec

Permit to Discharge Wastewater in Accordance with National Pollutant Discharge Elimination System

Meridian POTW
Facility Requirements
Permit Number:MS0020117
Activity ID No.: PER20120003

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A10000013261 (MS0020117) Municipality:

Limitation Requirements:

Condition	Parameter	Condition
L-1		There shall be no discharge of floating solids or visible foam in other than trace amounts. [11 Miss. Admin. Code Pt. 6, R. 2.2.A(2).]
L-2		The effluent shall not cause an accumulation of solids or sewage sludges in the receiving stream. [11 Miss. Admin. Code Pt. 6, R. 2.2.A(2).]
L-3		The discharges shall not cause the occurrence of a visible sheen on the surface of the receiving waters. [11 Miss. Admin. Code Pt. 6, R. 2.2.A(2).]
L-4		<p>Samples taken in compliance with the monitoring requirements specified in this permit shall be taken:</p> <p>For Outfall 001 samples shall be taken at the nearest accessible point after final treatment by Meridian POTW but prior to mixing with the receiving stream.</p> <p>For Outfall 002 samples shall be taken at the nearest accessible point after final treatment of the combined effluents from 101 and 201 but prior to mixing with the receiving stream.</p> <p>For Outfall 101 samples shall be taken at the nearest accessible point after final treatment by Meridian POTW but prior to mixing with the receiving stream.</p> <p>For Outfall 201 samples shall be taken at the nearest accessible point after final treatment by East Meridian POTW but prior to mixing with the effluent from Outfall 101.</p> <p>. [WPC-1 Chapter One Section IV.A(28)]</p>

Permit to Discharge Wastewater in Accordance with National Pollutant Discharge Elimination System

Meridian POTW

Facility Requirements

Permit Number: MS0020117

Activity ID No.: PER20120003

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AI0000013261 (continued):

Limitation Requirements:

Condition	Parameter	Condition
L-5		Monitoring for Free Cyanide and Total Recoverable Copper must be performed by a method listed in 40 CFR 136 and with the Minimum Quantitation Level (MQL) listed below. If the most stringent EPA approved method has a MQL that is not the same as or more stringent than the given MQL, then the most stringent EPA approved method must be used.
	Parameter	MQL (parts per billion)
	Free Cyanide	5.2
	Total Recoverable Copper	5
	. [WPC-1 Chapter One]	
L-6		The combined effluent discharge from Outfall 101 and Outfall 201 shall not total over 13 million gallons per day (Monthly Average). [40 CFR]
L-7		All discharges to waters of the State allowed by NPDES Permit MS0055735 (East Meridian POTW) shall cease, and permit MS0055735 revoked, upon the completion and operation of the infrastructure to allow for the transfer of the treated effluent to Mississippi Power Company's Kemper County Facility or alternately to Meridian POTW (MS0020117). [40 CFR]
		The discharge of wastewater by the equalization basin into Outfall 001 or Outfall 101 will be considered a bypass of the wastewater treatment system, and is subject to the conditions of bypassing as addressed in Permit Conditions T-30 through T-34. [40 CFR]

Permit to Discharge Wastewater in Accordance with National Pollutant Discharge Elimination System

Meridian POTW

Facility Requirements

Permit Number: MS0020117

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AI0000013261 (continued):

Record-Keeping Requirements:

Condition	Condition
R-1	<p data-bbox="205 600 430 625">Recording of Results</p> <p data-bbox="205 657 1843 714">For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall maintain records of all information obtained from such monitoring including:</p> <ul data-bbox="205 738 1123 898" style="list-style-type: none"><li data-bbox="205 738 703 771">(1) The exact place, date, and time of sampling;<li data-bbox="205 771 661 803">(2) The dates the analyses were performed;<li data-bbox="205 803 693 836">(3) The person(s) who performed the analyses;<li data-bbox="205 836 861 868">(4) The analytical techniques, procedures or methods used; and<li data-bbox="205 868 1123 898">(5) The results of all required analyses. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(a).]

Permit to Discharge Wastewater in Accordance with National Pollutant Discharge Elimination System

Meridian POTW

Facility Requirements

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AI0000013261 (continued):

Submittal/Action Requirements:

Condition

Condition

S-1

Sludge Management Requirements.

(1) General Compliance: The permittee shall comply with all existing Federal and State laws and regulations that apply to its sewage sludge use and disposal practice(s), with the Mississippi Nonhazardous Waste Management Regulations and with the CWA Section 405(d) technical standards when promulgated.

(2) Reopener: If an applicable "acceptable management practice" or numerical limitation for pollutants in sewage sludge promulgated under Section 405(d)(2) of the Clean Water Act, as amended by the Water Quality Act of 1987, is more stringent than the sludge pollutant limit or acceptable management practice in this permit, or controls a pollutant to conform to the requirements promulgated under Section 405(d)(2). The permittee shall comply with the limitations by no later than the compliance deadline specified in the applicable regulations as required by Section 405(d)(2)(D) of the Clean Water Act.

(3) Notice of Change in Sludge Disposal Practice: The permittee shall give prior notice to the Director of any change(s) planned in the permittee's sludge use or disposal practice.

(4) Cause for Modification: 40 CFR 122.62(a)(1) provides that the following is a cause for modification but not revocation and reissuance of permits except when the permittee requests or agrees.

(5) Alterations: There are material and substantial changes or additions to the permitted facility or activity which occurred after permit issuance which justify the application of permit conditions that are different or absent in the existing permit. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

Permit to Discharge Wastewater in Accordance with National Pollutant Discharge Elimination System

Meridian POTW

Facility Requirements

Permit Number: MS0020117

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AI0000013261 (continued):

Submittal/Action Requirements:

Condition

Condition

S-2

Pretreatment Requirements.

- (1) This permit shall be modified, or alternately revoked and reissued by a date to be determined to incorporate and approved municipal pretreatment program as required under Section 402(b)(8) of the Federal Water Pollution Control Act and implementing regulations or by the requirements of the approved State pretreatment program, as appropriate.
- (2) Effluent limitations from this discharge are listed in the Effluent Limitations section of this permit. If it becomes apparent that other pollutants attributable to inputs from major contributing industries using the municipal system are also present in the permittee's discharge, this permit may be revised to specify effluent limitations for any or all of such other pollutants in accordance with best practicable technology or water quality standards.
- (3) Under no circumstances shall the permittee allow introduction of the following wastes or pollutants into the waste treatment system.
 - (a) Pollutants which create a fire or explosion hazard in the treatment works;
 - (b) Pollutants which will cause corrosive structural damage to treatment works; but in no case discharges with a pH designed lower than 5.0, unless the works are specifically designed to accommodate such discharges;
 - (c) Solids or viscous substances in amounts which cause obstructions to the flow in sewer or interference with the proper operation of the treatment works;
 - (d) Wastewaters at a flow rate and/or pollutant discharge rate which is excessive over relatively short time periods so as to cause a loss of treatment efficiency;
 - (e) Heat in amounts which will inhibit biological activity in the treatment works resulting in interference, but in no case heat in such quantities that the temperature of the influent exceeds 40 degrees Celsius (104 degrees Fahrenheit), unless approval for alternate limits has been granted by the Permit Board. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

S-3

Reporting

Monitoring results obtained during the previous reporting period shall be summarized and reported on a Discharge Monitoring Report Form (EPA No. 3320-1) POSTMARKED NO LATER THAN THE 28TH DAY OF THE MONTH FOLLOWING THE COMPLETED REPORTING PERIOD. Copies of these, and all other reports required herein, shall be signed in accordance with 11 Miss. Admin. Code Pt. 6, R. 1.1.2.E and R. 1.1.2.E. of the Mississippi Wastewater Permit Regulations, and shall be submitted to the Mississippi Environmental Quality Permit Board at the following address:

Mississippi Department of Environmental Quality

Office of Pollution Control

P.O. Box 2261

Jackson, Mississippi 39225. [11 Miss. Admin. Code Pt. 6, R. 1.1.2.E and R. 1.1.2.E.]

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S-4 Noncompliance Notification - Twenty-Four Hour Reporting

(1) The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and/or prevent recurrence of the noncompliance.

(2) The following shall be included as information which must be reported within 24 hours under this paragraph.

(i) Any unanticipated bypass which exceeds any effluent limitation in the permit.

(ii) Any upset which exceeds any effluent limitation in the permit.

(iii) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Permit Board in the permit to be reported within 24 hours.

(iv) The Executive Director may waive the written report on a case-by-case basis for reports under paragraph (1) of this section if the oral report has been received within 24 hours. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(e).]

S-5 Noncompliance Notification - Other Noncompliance

The permittee shall report all instances of noncompliance not reported under the twenty-four hour reporting requirements, at the time monitoring reports are submitted or within 30 days from the end of the month in which the noncompliance occurs. The reports shall contain the same information as is required under the twenty-four hour reporting requirements contained in this permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(f).]

S-6 Noncompliance Notification - Other Information

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Permit Board, it shall promptly submit such facts or information. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(g).]

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S-7

Expiration of Permit

At least 180 days prior to the expiration date of this permit pursuant to the State law and regulation, the permittee who wishes to continue to operate under this permit shall submit an application to the Permit Board for reissuance. The Permit Board may grant permission to submit an application later than this, but no later than the expiration date of the permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.5.B(1).]

Narrative Requirements:

Definitions:

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T-1

Definitions: General

The permittee shall refer to 11 Miss. Admin. Code Pt. 6, R. 1.1.1.A for definitions of any permit term not specified in this permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A]

T-2

Definitions: Monthly Average

"Monthly Average" means the average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during the month. The monthly average for fecal coliform bacteria is the geometric mean of "daily discharges" measured during the calendar month. In computing the geometric mean for fecal coliform bacteria, the value one (1) shall be substituted for sample results of zero. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(44).]

T-3

Definitions: Daily Discharge

"Daily discharge" means the "discharge of a pollutant" measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily average" is calculated as the average measurement of the discharge of the pollutant over the day. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(15).]

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Definitions:

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T-4	<p>Definitions: Daily Maximum</p> <p>"Daily maximum" means the highest "daily discharge" over a calendar month. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(16).]</p>
T-5	<p>Definitions: Maximum Weekly Average</p> <p>Maximum Weekly Average means the highest "weekly average" over a monitoring period. [40 CFR 122]</p>
T-6	<p>Definitions: Toxic Pollutants</p> <p>"Toxic pollutants" means any pollutant listed as toxic under Section 307(a)(1) or, in the case of "sludge use or disposal practices", any pollutant identified in regulations implementing Section 405(d) of the Clean Water Act. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(71).]</p>
T-7	<p>Definitions: Hazardous Substances</p> <p>"Hazardous substances" are defined in 40 CFR 116.4. [40 CFR 116.4]</p>
	<p>Definitions: Weekly Average</p> <p>"Weekly average" means the average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week. The weekly average for fecal coliform bacteria is the geometric mean of all "daily discharges" measured in a calendar week. In computing the geometric mean for fecal coliform bacteria, one (1) shall be substituted for sample results of zero. For self-monitoring purposes, the value to be reported is the single highest weekly average computed during a calendar month. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(86).]</p>
T-9	<p>Definitions: Quarterly Average</p> <p>"Quarterly Average" means the average of "daily discharges" over a three month period, calculated as the sum of all "daily discharges" measured during the quarter divided by the number of "daily discharges" measured during the quarter. The quarterly average for fecal coliform bacteria is the geometric mean of "daily discharges" measured during the quarter. In computing the geometric mean for fecal coliform bacteria, the value one (1) shall be substituted for sample results of zero. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(61).]</p>

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Condition	Condition
T-10	<p>Definitions: Maximum Monthly Average</p> <p>Maximum Monthly Average means the highest "monthly average" over a monitoring period. [40 CFR 122]</p>
T-11	<p>Definitions: Quarterly Maximum</p> <p>"Quarterly Maximum" means the highest "daily discharge" measured over a three-month period. [11 Miss. Admin. Code Pt. 6, R.1.1.1.A(62).]</p>
T-12	<p>Definitions: Yearly Average</p> <p>"Yearly Average" means the average of "daily discharges" over a calendar year, calculated as the sum of all "daily discharges" measured during the calendar year divided by the number of "daily discharges" measured during the calendar year. The yearly average for fecal coliform bacteria is the geometric mean of "daily discharges" during the calendar year. In computing the geometric mean for fecal coliform bacteria, the value one (1) shall be substituted for sample results of zero. [11 Miss. Admin. Code Pt. 6, R.1.1.1.A(87).]</p>
T-13	<p>Definitions: Yearly Maximum</p> <p>"Yearly Maximum" means the highest "daily discharge" measured over a calendar year. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(88).]</p>
T-14	<p>Definitions: Submitted</p> <p>Except as specifically defined, or otherwise noted, in an applicable regulation or permit, any report, application, or other document or information that is required by these regulations, or by a permit issued by the Permit Board, to be submitted to the Commission, Permit Board, or MDEQ shall be deemed submitted only upon its receipt by MDEQ. [11 Miss. Admin. Code Pt. 6, Ch.1, Subch.1.]</p>

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T-15	<p>The permittee shall achieve compliance with the effluent limitations specified for discharge in accordance with the following schedule:</p> <p>Upon permit issuance the Permittee shall operate under the Effluent Limitations and Monitoring Requirements for Outfall 001. Effluent Limitations and Monitoring Requirements for Outfalls 002, 101, and 201 shall not apply. Upon completion and operation of the infrastructure to connect Meridian POTW, East Meridian POTW, and Mississippi Power Company's Kemper County Facility the Permittee shall operate under the Effluent Limitations and Monitoring Requirements for Outfalls 002, 101, and 201. Effluent Limitations and Monitoring Requirements for Outfall 001 shall not apply. [WPC-1 Chapter One Section IV.A(9)]</p>
T-16	<p>No later than 10 days following the date of compliance specified by this permit, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(10).]</p>
T-17	<p>Change in Discharge</p> <p>All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit. Any anticipated facility expansions or treatment modifications which result in new, different, or increased discharges of pollutants must be reported by submission of a new NPDES application. If such changes will not violate the effluent limitations to the Mississippi Environmental Quality Permit Board, the permit may be modified to specify and limit any pollutants not previously limited. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A.]</p>
T-18	<p>Adverse Impacts</p> <p>The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of the permit that has a reasonable likelihood of adversely affecting human health or the environment. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(19).]</p>
T-19	<p>The permittee shall provide written notification to the Mississippi Commission on Environmental Quality no later than thirty (30) days after the loss of the permittee's certified operator. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]</p>
T-20	<p>Representative Sampling</p> <p>Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored wastewater. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(28).]</p>

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T-21	<p>Reporting</p> <p>If the results for a given sample analysis are such that any parameter (other than fecal coliform) is not detected at or above the minimum level for the test method used, a value of zero will be used for that sample in calculating an arithmetic mean value for the parameter. If the resulting calculated arithmetic mean value for that reporting period is zero, the permittee shall report "NODI = B" on the DMR. For fecal coliform, a value of 1.0 shall be used in calculating the geometric mean. If the resulting fecal coliform mean value is 1.0, the permittee shall report "NODI = B" on the DMR. For each quantitative sample value that is not detectable, the test method used and the minimum level for that method for that parameter shall be attached to and submitted with the DMR. The permittee shall then be considered in compliance with the appropriate effluent limitation and/or reporting requirement. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 2.]</p>
T-22	<p>Reporting</p> <p>If the permittee monitors any pollutant as prescribed in the permit more frequently than required by the permit using test procedures approved under 40 CFR Part 136 or, in the case of sludge use or disposal, approved under 40 CFR Part 136 unless otherwise specified in 40 CFR Part 503, or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR or sludge reporting form specified by the Permit Board. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)c(2).]</p>
3	<p>Reporting</p> <p>Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Permit Board in the permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)c(3).]</p>
T-24	<p>Test Procedures</p> <p>Test procedures for the analysis of pollutants shall include those set forth in 40 CFR 136 or alternative procedures approved and/or promulgated by EPA. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(30).]</p>
T-25	<p>Records Retention</p> <p>All records and results of monitoring activities required by this permit, including calibration and maintenance records, shall be retained by the permittee for a minimum of three (3) years, unless otherwise required or extended by the Permit Board, copies of which shall be furnished to the Department upon request. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(a).]</p>

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T-26

Falsifying Reports

Any permittee who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required by the Permit Board to be maintained as a condition in a permit, or who alters or falsifies the results obtained by such devices or methods and/or any written report required by or in response to a permit condition, shall be deemed to have violated a permit condition and shall be subject to the penalties provided for a violation of a permit condition pursuant to Section 49-17-43 of the Code. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(d).]

T-27

Duty to Comply

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(2).]

T-28

Proper Operation, Maintenance and Replacement

The permittee shall at all times properly operate, maintain, and when necessary, promptly replace all facilities and systems of collection, treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes adequate laboratory controls and appropriate quality assurance procedures. Proper replacement includes maintaining an adequate inventory of replacement equipment and parts for prompt replacement when necessary to maintain continuous collection and treatment of wastewater. This provision requires the operation of back-up or auxiliary facilities or similar systems that are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(18).]

T-29

Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of the permit that has a reasonable likelihood of adversely affecting human health or the environment. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(19).]

T-30

Bypassing

The permittee shall comply with the terms and conditions regarding bypass found in 40 CFR 122.41(m). [40 CFR 122.41(m)]

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T-31

Bypassing - Definitions

"Bypass" means the intentional diversion of waste streams from any portion of a treatment facility.

"Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production. [40 CFR 122.41(m)]

T-32

Bypassing - Bypass not exceeding limitations

The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the notice and prohibition provisions of the bypass requirements in this permit. [40 CFR 122.41(m)]

T-33

Bypassing -Notice

Anticipated bypass-

If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.

Unanticipated bypass-

The permittee shall submit notice of an unanticipated bypass as required by the twenty-four hour reporting requirements set forth in this permit. [40 CFR 122.41(m)]

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T-34	<p>Bypassing- Prohibition of Bypass</p> <p>(1) Bypass is prohibited, and the Commission may take enforcement action against a permittee unless:</p> <p>(i) Bypass was unavoidable to prevent loss of life, personal injury, or sever property damage.</p> <p>(ii) There was no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgement to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and</p> <p>(iii) The permittee submitted notices as required under the Twenty-Four Hour reporting requirements set forth in this permit.</p> <p>(2) The Commission may approve an anticipated bypass, after considering its adverse affects, if the Commission determines that it will meet the three conditions listed above in paragraph (1) of this permit condition. [40 CFR 122.41(m)]</p>
T-35	<p>Upsets</p> <p>The permittee shall meet the conditions of 40 CFR 122.41(n) regarding "Upsets" and as in the upset requirements of this permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(27).]</p>
T-36	<p>Upsets- Definition</p> <p>"Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(27).]</p>
T-37	<p>Upsets - Effect of an Upset</p> <p>An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the "conditions necessary for demonstration of upset" requirements of this permit are met. Any determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, shall not constitute final administrative action subject to judicial review. [11 Miss. Admin. Code Pt. 6, R.1.1.4.A(27).]</p>

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T-38	<p>Upsets - Conditions necessary for demonstration of upset</p> <p>A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:</p> <ul style="list-style-type: none">(1) An upset occurred and that the permittee can identify the cause(s) of the upset;(2) The permitted facility was at the time being properly operated;(3) The permittee submitted notice of the upset as required in 40 CFR 122.41(L)(6)(ii)(B)(24-hour notice of noncompliance); and(4) The permittee complied with any remedial measures required under 40 CFR 122.41(d) (Duty to Mitigate). [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(27).]
T-39	<p>Upsets - Burden of proof</p> <p>In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(27).]</p>
T-40	<p>Removed Substances</p> <p>Solids, sludges, filter backwash, or other residuals removed in the course of treatment or control of wastewater shall be disposed of in a manner such as to prevent such materials from entering State waters and in a manner consistent with the Mississippi Solid Waste Disposal Act, the Federal Resource Conservation and Recovery Act, and the Mississippi Water Pollution Control Act. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(21).]</p>
T-41	<p>Power Failures</p> <p>If electric power is required, in order to maintain compliance with the conditions and prohibitions of the permit, the permittee shall either:</p> <ul style="list-style-type: none">(1) Provide an alternative power source to operate the wastewater control facilities; or, if such alternative power source is not in existence, and no date for its implementation appears in the permit,(2) Halt, reduce, or otherwise control production and/or all wastewater flows upon reduction, loss, or failure of the primary source of power to the wastewater control facilities. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(22).]

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T-42	<p>Inspection and Entry</p> <p>The permittee shall allow any authorized Commission representative to enter the permittee's premises at any reasonable time, to have access to and copy any applicable records, to inspect process facilities, treatment works, monitoring methods or equipment or to take samples, as authorized by Section 49-17-21 of the Code. In the event of investigation during an emergency response action, a reasonable time shall be any time of the day or night. Follow-up investigations subsequent to the conclusion of the emergency event shall be conducted at reasonable times. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(17).]</p>
T-43	<p>Transfer of Ownership or Control</p> <p>This permit is not transferable to any person without proper modification of this permit following procedures found in [11 Miss. Admin. Code Pt. 6, R. 1.1.5.C.]</p>
T-44	<p>Signatory Requirements</p> <p>All applications, reports, or information submitted to the Permit Board shall be signed and certified. [11 Miss. Admin. Code Pt. 6, R. 1.1.2.C.]</p>

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T-45

Signatory Requirements - Application Signatures

All permit applications shall be signed as follows:

(1) For a corporation: by a responsible corporate officer. For the purpose of this Section, a responsible corporate officer means: (i) a president, secretary, treasurer or vice president of the corporation in charge of a principal business function, or any other person who performs similar policy - or decision-making function for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

(2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

(3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official. [11 Miss. Admin. Code Pt. 6, R. 1.1.2.C.]

T-46

Signatory Requirements -Reports and Other Information

All reports required by the permit and other information requested by the Permit Board shall be signed by a person described by the application signature requirements in this permit or by a duly authorized representative of that person. A person is a duly authorized representative only if:

(1) The authorization is made in writing by a person described by the application signature requirements;

(2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.); and

(3) The written authorization is submitted to the Permit Board. [11 Miss. Admin. Code Pt. 6, R. 1.1.2.C.]

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T-47 Signatory Requirements - Changes to Authorization

If an authorization under the signatory requirements of this permit is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the signatory requirements of this permit must be submitted to the Permit Board prior to or together with any reports, information, or applications. [11 Miss. Admin. Code Pt. 6, R. 1.1.2.C.]

T-48 Signatory Requirements - Certification

Any person signing a document under the signatory requirements stated in this permit shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under the direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations." [11 Miss. Admin. Code Pt. 6, R. 1.1.2.C.]

19 Availability of Records

Except for information deemed to be confidential under the Mississippi Code Ann. 49-17-39 and 40 CFR 123.41, file information relating to this permit shall be made available for public inspection and copying during normal business hours at the office of the Department of Environmental Quality in Jackson, Mississippi. Written request must be provided in accordance with policies developed by the Commission and must state, specifically, records proposed for review, date proposed for review and copying requirements. [11 Miss. Admin. Code Pt. 6, R. 1.1.3.E.]

T-50 Duty to Provide Information

The permittee shall furnish to the Permit Board within a reasonable time any relevant information which the Permit Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. The permittee shall also furnish to the Permit Board upon request, copies of records required to be kept by the permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(16).]

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T-51	<p>Toxic Pollutants</p> <p>The permittee shall comply with any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) established under Section 307(a) of the Federal Water Pollution Control Act. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(26).]</p>
T-52	<p>Toxic Pollutants Notification Requirements</p> <p>The permittee shall comply with the applicable provisions of 40 CFR 122.42. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(26).]</p>
T-53	<p>Civil and Criminal Liability</p> <p>(1) Any person who violates a term, condition or schedule of compliance contained within this permit or the Mississippi Water Pollution Control Law is subject to the actions defined by law.</p> <p>(2) Except as provided in permit conditions on "Bypassing" and "Upsets", nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.</p> <p>(3) It shall not be the defense of the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(24).]</p>
T-54	<p>Oil and Hazardous Substance Liability</p> <p>Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject to under Section 311 of the Federal Water Pollution Control Act and applicable provisions under Mississippi Law pertaining to transportation, storage, treatment, or spillage of oil or hazardous substances. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(23).]</p>
T-55	<p>Property Rights</p> <p>The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations. [11 Miss. Admin. Code Pt. 6, R. 1.1.5.E.]</p>

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Narrative Requirements:

Condition	Condition
T-56	<p>Severability</p> <p>The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(25).]</p>
T-57	<p>Protection of Confidential Information</p> <p>(1) Pursuant to Miss. Code Ann. '49-17-39 and 40 CFR 123.41, the Permit Board shall make available to the public all information contained on any form and all public comments on such information. Effluent data and information concerning air or water quality shall also be made available to the public. Information that is determined by the Commission to be trade secrets shall not be disclosed to the public without prior consent of the source of such information. When a claim of confidentiality is made by a person in accordance with the provisions of Miss. Code Ann. '49-17-39, a recommendation on the questions of confidentiality shall be made by the Commission and forwarded to the Regional Administrator (or his/her designee) of EPA for his concurrence in such determination of confidentiality. [11 Miss. Admin. Code Pt. 6, R. 1.1.3.F.]</p>
T-58	<p>Protection of Confidential Information- continued</p> <p>(2) A copy of a State, UIC, or NPDES permit application, public notice, fact sheet, draft permit and other forms relating thereto, including written public comment and other reports, files and information relating to the application not classified as confidential information by the Commission pursuant to part (1) of this requirement, shall be available for public inspection and copying during normal business hours at the office of the Department in Jackson, Mississippi. [11 Miss. Admin. Code Pt. 6, R. 1.1.3.F.]</p>
T-59	<p>Protection of Confidential Information- continued</p> <p>(3) Upon determination by the Commission that information submitted by a permit applicant is entitled to protection against disclosure as trade secrets, the information shall be so labeled and otherwise handled as confidential. Copies of the information and a notice of the Commission's action shall be forwarded to the Regional Administrator (or his/her designee). In making its determination of entitlement to protection as a trade secret, the Commission shall follow the procedure set forth in Miss. Code Ann. '49-17-39. In the event the Commission denies the claim of confidentiality, the applicant shall have, upon notification thereof, the right to appeal the Commission's determination in the same manner provided for other orders of the Commission. No disclosure, except to EPA, shall be allowed until any appeal from the determination of the Commission is completed. [11 Miss. Admin. Code Pt. 6, R. 1.1.3.F.]</p>

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AI0000013261 (continued):

Narrative Requirements:

Condition	Condition
T-60	<p>Spill Prevention and Best Management Plans</p> <p>Any permittee which has above ground bulk storage capacity, of more than 1320 gallons or any single container with a capacity greater than 660 gallons, of materials and/or liquids (including but not limited to, all raw, finished and/or waste material) with chronic or acute potential for pollution impact on waters of the State and not subject to Mississippi Hazardous Waste Management Regulations or 40 CFR 112 (Oil Pollution Prevention) regulations shall provide secondary containment as found in 40 CFR 112 or equivalent protective measures such as trenches or waterways which would conduct any tank releases to a permitted treatment system or sufficient equalization or treatment capacity needed to prevent chronic/acute pollution impact. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(12)(a).]</p>
T-61	<p>Reopener Clause</p> <p>This permit shall be modified, or alternately, revoked and reissued, to comply with any applicable effluent standard, limitation or storm water regulation issued or approved under Section 301(b)(2)(C), and (D), 304(b)(2), 307(a)(2) and 402(p) of the Federal Water Pollution Control Act if the effluent standard, limitation or regulation so issued or approved:</p> <ol style="list-style-type: none">1. Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or2. Controls any pollutant not limited in the permit; or3. This permit shall be modified to reflect any additional or otherwise more stringent limitations and additional monitoring as determined to be necessary by the results of a Completed TMDL. [WPC-1 Chapter One Section IV.F(1)]
T-62	<p>Closure Requirements</p> <p>Should the permittee decide to permanently close and abandon the premises upon which it operates, it shall provide a Closure Plan to the Permit Board no later than 90 days prior to doing so. This Closure Plan shall address how and when all manufactured products, by-products, raw materials, stored chemicals, and solid and liquid waste and residues will be removed from the premises or permanently disposed of on site such that no potential environmental hazard to the waters of the State will be presented. Closure plan(s) submitted to and approved by Mississippi Department of Environmental Quality for compliance with other environmental regulations will satisfy the closure requirements for those items specifically addressed in the closure plan(s) as long as the closure does not present a potential for environmental hazard to waters of the State. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(11).]</p>

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A10000013261 (continued):

Narrative Requirements:

Condition	Condition
T-63	<p>Permit Actions</p> <p>The permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a modification of planned changes or anticipated noncompliance, does not stay any permit condition. [11 Miss. Admin. Code Pt. 6, R. 1.1.5.C(5).]</p>
T-64	<p>Effluent limitations and monitoring requirements for Outfalls 001, 002, 101, 201 as listed in this permit will only be applicable when the treated effluent from that outfall is ultimately discharged into Sowashee Creek. [WPC-1 Chapter One]</p>
T-65	<p>The facility shall record and make available upon request the durations of all discharges of treated wastewater from Outfall 002. [WPC-1 Chapter One]</p>

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RPNT0000000001 (MS0020117-001) Outfall 001 (Domestic / Municipal Wastewater Effluent):

Submittal/Action Requirements:

Condition	
	Condition
S-1	The Permittee shall submit analytical results on a monthly Discharge Monitoring Report (DMR); Due monthly, by the 28th of the subsequent month. [WPC-1 Chapter One IV.A(15)c]

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RPNT0000000002 (MS0020117-101) Outfall 101 (Internal Outfall from Meridian POTW):

Submittal/Action Requirements:

Condition

Condition

S-1

The Permittee shall submit analytical results on a monthly Discharge Monitoring Report (DMR): Due monthly, by the 28th of the subsequent month. [WPC-1 Chapter One IV.A(15)c]

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RPNT0000000003 (MS0020117-201) Outfall 201 (Internal Outfall from East Meridian POTW):

Submittal/Action Requirements:

Condition

1. Condition

S-1 The Permittee shall submit analytical results on a monthly Discharge Monitoring Report (DMR): Due monthly, by the 28th of the subsequent month. [WPC-I Chapter One IV.A(15)c]

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RPNT0000000004 (MS0020117-002) Outfall 002 (Combined Domestic / Municipal Wastewater Effluent from Outfall 101 and 201):

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on a monthly Discharge Monitoring Report (DMR): Due monthly, by the 28th of the subsequent month. [WPC-1 Chapter One IV.A(15)c]

GENERAL INFORMATION

Meridian POTW
311 27th Avenue
Meridian, MS
Lauderdale County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
MS0020117	City of Meridian	Official Site Name	3/14/1995	
MS0020117	Meridian POTW	Water - NPDES	3/15/2000	2/22/2005
MS0020117	Meridian POTW	Water - NPDES	3/14/1995	3/13/2000
MS0020117	Meridian POTW	Water - NPDES	2/22/2005	1/31/2010
MS0020117	Meridian POTW	Water - NPDES	6/8/2010	5/31/2015

Basin: Pascagoula River Basin

Location Description:

Relevant Documents: Cover Letter, Lab Data, Form 2A